

Date: June 20, 1997

Subject: Johns Manville Manufacturing Plant
Nashua, New Hampshire

From: Paul R. Groulx, On-Scene Coordinator,
U.S. EPA Office of Site Remediation &
Restoration, New England Region
(603) 882-8995 (Field Office)

POLREP Number: 24 (last POLREP #23 - 5/24/97)
Cerclis ID #: NHD001085372
Site ID Number: 2J
Delivery Order No. 68-W3-0012
Response Authority: CERCLA
ERNS No.:
NPL Status: N.A.
State Notification: New Hampshire Department of
Environmental Services Waste Management
Division (R. Reed)

Action Memorandum:
Phase I: June 16, 1995
Phase II: July 29, 1996

I. SITE INFORMATION

See the previous POLREPs or Action Memorandum and Addendums.

II. RESPONSE ACTIVITIES (May 25 through June 21, 1997)

Air Sampling

During this period, personnel collected 65 samples from perimeter and area air monitoring stations during asbestos-containing material (ACM) load out and excavation activities of Buildings 10 and 40. Concentrations detected at all sample stations were below established action levels. The air monitoring program was discontinued due to the finalization of ACM removal activities on June 18.

Soil Sampling

During this period, personnel collected 120 composite soil samples following the Building 10 and 40 sub-grade excavations. These samples were collected in accordance with EPA methodology. The composite soil samples were collected from areas gridded in 25-foot increments as cited in the Site Closure Plan. In addition one composite soil sample was collected from beneath the underground storage tank (UST) location in Building 40 Section D2. The sample was collected to fulfill the New Hampshire Department of Environmental Services (NHDES) Water Supply and Pollution Control Division UST closure regulations ENV-WS 411.18.

Task Force Meetings



Weekly Task Force meetings were held on the following Thursdays: May 29; June 5; June 12; and June 19, 1997. Delegates at the meetings included the EPA Region I On-Scene Coordinator (OSC), and representatives of the Agency for Toxic Substances and Disease Registry (ATSDR), New Hampshire Department of Environmental Services (NHDES), the New Hampshire Department of Health and Human Services (NHDHHS), the Nashua Board of Health (NBOH), the Nashua Mayor's Office represented by Nashua Fire Rescue (NFR), the Hudson Board of Health (HBOH), OHM Remediation Services Corporation (OHM) Emergency Response Cleanup Services, and the Roy F. Weston, Inc., Superfund Technical Assessment and Response Team (START).

At the May 29 meeting, topics discussed included the sub-grade excavation of Buildings 10 and 40, the trucking of sub-grade and stockpiled material to the landfill for disposal, quality of backfill and topsoil being delivered to site, air monitoring, site restoration, and the work being performed by the subcontracted crane and rigging crew in the removal of the hydraulic presses.

Topics discussed at the June 5 meeting included the Building 40 sub-grade excavation, the backfilling of excavated areas, the collection of composite soil samples, soil sample analysis, the completion of hydraulic press removal, and the future schedule of site work.

The June 12 meeting discussion centered upon closure activities, completion of ACM removal, the backfill, loam application and hydroseeding of the site, and the site closure ceremony scheduled for June 23, 1997, at 1000 hours.

The final Task Force meeting was held on June 19 and discussed the backfilling and loam spreading on the site, the increase in trucks delivering backfill and loam to site, and the closing ceremonies for the site.

Site Activities

OHM completed the sub-grade excavation of all sections of Building 40. Granite and soapstone foundation block, and concrete structures too large to be placed into the beds of transport vehicles were reduced in size by a Hoe-Ram prior to load out.

Access roads to the base of the hydraulic presses were constructed to enable the movement of equipment used by the crane and rigging crew. The presses which were constructed of high density steel, were cut into sections using liquid oxygen/magnesium cutting torches. All sections were within proper D.O.T. weight specifications for transport over public roadways.

Engineering controls continued to be employed to suppress dust generated during excavation, and for truck decontamination purposes.

Site Restoration Activities

The restoration of the site is being performed in five phases. This allows time for sub-grade excavation, hydraulic press removal, transport, and restoration activities to occur simultaneously.

Prior to backfilling, the site was surveyed to determine the depth of excavation. Clean backfill was delivered to site where it was spread and compacted in twelve-inch lifts. Following the compaction of the backfill, topsoil was spread on the site and a landscape crew then raked, applied limestone, and sprayed a hydroseed mixture consisting of mulch, fertilizer, and grass seed over completed areas of the site.

Additional backfill vendors were acquired to supplement the lone contractor delivering material to the site. Three subcontractors were hired to deliver backfill to the site for the final two weeks of the project.

Utility Closure

Representatives from Pennichuck Water Systems were on site to disconnect the fire suppression mains and other water lines which extended into Buildings 10 and 40. Two crews of three persons excavated the shutoff gate valves and placed thrust blocks and plates over the ends of the pipes to prevent leakage. Grade stakes were then placed at the locations of these pipes for inclusion in the final as-built diagram for the site. In addition, the crew chief tested the gate valves at the southern and northern ends of Sanders Street which control water flow in the two water mains. This was performed to ensure that those valves worked properly in the case of emergency.

Visitors to the Site

The following personnel were on site for meetings or to review the status of site activities during the past two weeks: David McIntyre, Ted Bzenas, Bob Hinten, and Sylvia Kirsch of EPA Region I; Tim Goddyne, and of US EPA Environmental Response Team Center, Edison, NJ, Susanne Simon of ATSDR; Steve Cullinane, Dan Spear of NHDES; Dennis Pinski of NHDHHS; Mike Buxton and Ed Goulding of NBOH, and Mike Buxton of NFR; Mike Tremblay and Ed Goulding of the NBOH; Mike LeClair of Pennichuck Water Systems; Bill Oleksak of HBOH; and John Gerstenlauer of OHM Corporation.

DAILY SUMMARY OF REMOVAL ACTIVITIES

DATE	WEATHER	TEMP (°F)	AIR SAMPLES	SOIL SAMPLES	T&D* LOADS	WEIGHT (TONS)
05/26/97	Holiday	Demob.	--	--	--	--
05/27/97	Clear	52-70	6	0	99 ACM	1777.1
05/28/97	Clear	42-72	9	6	98 ACM	1759.1
05/29/97	Clear	48-84	6	32	84 ACM	1507.8
05/30/97	Cloudy/ Clear	50-68	0	23	101 ACM	1813.0
05/31/97	Clear	62-74	0	0	0	0
06/02/97	Cloudy	58-61	0	0	101 ACM	1813.0
06/03/97	Cloudy/ Clear	49-62	0	10	133 ACM	2387.4
06/04/97	Clear	48-62	10	0	113 ACM	2028.4
06/05/97	Cloudy	48-70	7	0	126 ACM	2261.7
06/06/97	Clear	49-71	7	9	115 ACM	2064.3
06/07/97	Clear	52-75	0	0	0 ACM	0
06/09/97	Clear	49-81	7	0	99 ACM 1 STEEL	1777.1 14.5
06/10/97	Clear	63-92	10	0	110 ACM	1974.5
06/11/97	Clear	67-91	10	15	113 ACM	2028.4
06/12/97	Cloudy	69-87	0	18	107 ACM	1920.7
06/13/97	Cloudy	65-76	0	15	105 ACM	1184.8
06/14/97	Clear	65-74	0	0	0 ACM	0
06/16/97	Clear	56-75	0	0	134 ACM	2405.3
06/17/97	Cloudy	64-78	0	10	120 ACM	2154.0
06/18/97	Rain	70-74	0	19	62 ACM	1112.9
06/19/97	Cloudy/ Clear	62-82	0	20	ACM	
06/20/97	Clear	65-84	0	0	0 ACM	0
06/21/97	Clear	60-85	0	0	0	0

* - Transportation and Disposal

PROJECT SUMMARY OF REMOVAL ACTIVITIES

ACTIVITIES TO DATE	AIR SAMPLES	SOIL SAMPLES	T&D LOADS	WEIGHT (TONS)
REMOVAL	1324	550	400 ROLLOFFS ACM	5364.5
			2341 TRUCKS ACM	42027.3
			1172 END DUMPS ACM	21038.8
			90 ROLLOFFS STEEL	709.9
			5 FLATBEDS STEEL	33.8
			7 ROLLOFFS CEMENT	115.9

DELIVERIES WEEK ENDING	LOADS BANK RUN GRAVEL	CUBIC YARDS	LOADS TOPSOIL	CUBIC YARDS
05/31/97	115	2300	--	--
06/07/97	132	2640	10	600
06/14/97	148	2960	52	1040
06/21/97				
TOTALS TO-DATE	480	9540	40	800

III. Financial

Representative: Task	Ceiling	Obligated	Balance
ERCS Contractor: Drum Removal (1995)	\$ 500,000	\$ 464,446	-----
Demolition/Restoration	\$3,200,000	\$2,275,800	\$ 959,753
START Contractor	\$ 380,000	\$ 306,326	\$ 73,674
U. S. EPA: Environmental Response Team	\$ 90,000	\$ 88,500	\$ 1,500
Direct Cost	\$ 350,000	\$ 108,000	\$ 242,000
Indirect Cost	\$ 350,000	\$ 305,000	\$ 45,000
City of Nashua In-Kind Services	NA	\$13,718,300	NA
State of New Hampshire In-Kind Services	NA	\$ 188,000	NA

IV. Future Plans

OHM will continue to conduct site closure activities in accordance with the U.S. EPA Master Work Plan revised on January 30 with a demobilization date of June 28, 1997. Any future corrective action will be performed after demobilization.

Tentative Schedule:

Jun 23 - Site Closure Ceremony.
Jun 28 - Site Demobilization.

CASE PENDING

POLREP DISTRIBUTION LIST

Polrep #2

April 11, 1997

Johns Manville Manufacturing Plant Site

40 Bridge/10 Sanders Street, Nashua, NH

- ✓ M_x National Response Center (G-TGC-2), Headquarters USCG,
Room 2611, 2100 2nd St., S.W., Washington, DC 20593
- ✓ M_x US EPA, Arthur Johnson, Emergency Response Division (5202G)
401 M St., S.W., Washington, DC 20460
- ✓ M_x Richard S. Reed, Administrator, Solid Waste Management
Bureau NH Dept. of Environmental Services
P.O. Box 95, 6 Hazen Drive, Concord, NH 03301-6509
- ✓ M_x Dennis Pinski, Bureau of Health Risk Assessment
NH Div. of PHS, Health & Human Service Building
6 Hazen Drive, Concord, NH 03301-6527
- ✓ L_x Rod Turpin, US EPA, Environmental Response Team
2890 Woodbridge Avenue, Edison, NJ 08837-3679
- ✓ M_x Edward Lewis, Executive Assistant to the Mayor, City Hall
229 Main Street, P.O. Box 2019, Nashua, NH 03061-2019
- ✓ M_x Michael P. Buxton, Assistant Fire Chief,
Nashua Fire Department, Administrative Office,
2 Conant Road, Nashua, NH 03062-1899
- ✓ M_x William A. Oleksak, Health & Code Enforcement Officer
12 School Street, Hudson, NH 03051
- ✓ M_x Michael Tremblay, Health Officer, City of Nashua
18 Mulberry Street, Nashua, NH 03060
- ✓ M_x George S. Thayer, Chief Engineer - Boston & Maine
Iron Horse Park, N. Billerica, MA 01862-1688
- ✓ M_x Bonnie St. Pierre, President, JM Citizens Task Force
11 "C" Street, Nashua, NH 03060

EPA, Boston

- ✓ L_x John P. DeVillars, Regional Administrator, ORA-100
- ✓ L_x Pat Meaney, Office for Sr. Advisor for Management IRA-101
- ✓ L_x Steve Perkins, Office of Admin. & Resource Mgt., OARM-700
- ✓ L_x Nancy Grantham, Office of Regional Administrator, ORAA-100
- ✓ L_x Liza Judge, Office of Senior Advisor for Policy, ORA-103
- ✓ L_x Johanna Hunter, Office of Senior Advisor, ORA-103
- ✓ L_x Rudy Brown, Gov't Relations, RGR
- ✓ L_x Linda Murphy, Director, OSRR, OSRR-500
- ✓ L_x Frank Ciavattieri, Deputy, OSRR, OSRR-500
- ✓ L_x Dennis Huebner, OSRR, OSRR-500
- ✓ P_x John Gauthier, Office of Criminal Investigations CID
- ✓ P_x Thomas Papineau, Investigations Office, OIG/I
- ✓ P_x Paul McKechnie, Investigations Office, OIG/A
- ✓ L_x Joel Blumstein, OES - SES, PES-404
- ✓ L_x Linda Byrne - PCC, OARM-703
- ✓ L_x Hillary Kelley - PCC, OARM-703
- ✓ L_x John Carlson, Contract Management, OSRR-514
- ✓ L_x Caroline Marchant - Contact Management, OSRR-514
- ✓ L_x Suzanne Simon - ATSDR Regional Office

Regional Response Team

- P_x NOAA, Gerald Wheaton, G-MOR, C/O USCG Commandant
- M_x DOI, Andrew Raddant, Acting Regional Environmental Officer,
408 Atlantic Avenue, Room 142, Boston, MA 02110-3334

EPA, OSRR

- ✓ L_x Berger
- ✓ L_x McIntyre
- ✓ B_x Office File
- ✓ L_x Fran Kearns
- ✓ L_x Mackie
- ✓ L_x O'Halloran
- ✓ B_x Groulx(w/Copy of Distribution List)
- ✓ L_x WalshRogalski
- ✓ L_x Verdone
- ✓ L_x R. Hinten

✓ L X *Jim Conner*